

In the Claims:

1. (original) The method for automatically positioning a nozzle on a machine tool for discharge of a coolant onto a cutting tool which is in a cutting position with respect to a workpiece comprising the steps of:

supplying a coolant to said nozzle;

pivotally mounting said nozzle in facing relation to each of said cutting tools which are advanced into cutting position;

pivoting said nozzle in response to movement of said machine tool to adjust the angle of attack of said cooling stream whereby to cause the coolant stream to intersect a portion of said tool which is advanced into cutting position; and

retaining said nozzle in fixed relation to each said cutting tool when said cutting tool is advanced into cutting position.

2. (original) The method according to claim 1 including the step of providing a linear drive member to pivot said nozzle, and correlating the distance of movement of said linear drive member

with a diameter or length of each said cutting tool advanced into cutting position whereby to automatically adjust the angle of attack of the coolant stream to strike a portion of each said cutting tool advanced into cutting position.

3. (original) The method according to claim 1 including

the step of advancing said nozzle to a reference position between movement of successive cutting tools into cutting position.

4. (original) The method according to claim 1 including the step of advancing said nozzle from a reference position to a coolant-applying position for each of said cutting tools, and holding said nozzle in each coolant-applying position.

5. (original) The method according to claim 1 including the step of providing a linear drive member to pivot said nozzle and allowing said drive member to move independently of said nozzle after said nozzle has reached a coolant-applying position.

6. (currently amended) The method for automatically positioning a nozzle on a machine tool for discharge of a coolant onto a cutting tool which is in a cutting position with respect to a workpiece comprising the steps of:

supplying a coolant to said nozzle; ~~and~~
positioning said nozzle in facing relation to each of said cutting tools which are advanced into the cutting position; ~~and~~
and

advancing said nozzle in response to movement of said machine tool to adjust the angle of attack of said cooling stream whereby to cause the coolant stream to intersect a portion of said tool which is advanced into cutting position.

7. (currently amended) The method according to claim 6 including the step of ~~advancing said nozzle in response to movement~~

~~of said machine tool to adjust the angle of attack of said cooling stream whereby to cause the coolant stream to intersect a portion of said tool which is advanced into cutting position; and advancing said nozzle into a reference position after movement of each said cutting tool into a cutting position.~~

8. (original) The method according to claim 6 including the step of providing a linear drive member to pivot said nozzle and for adjusting said drive member to advance in accordance with each change in length or diameter of each said cutting tool advanced into the cutting position whereby to change the angle of attack of the coolant stream to strike said portion of said respective cutting tool advanced into the cutting position.